

Storm Data and Unusual Weather Phenomena - February 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Southwest				
(IA-Z043) MONONA				
	02/02/07 06:00 CST	0		Cold/Wind Chill
	02/02/07 08:00 CST	0		
Arctic high pressure built south into western Kansas during the early morning hours on February 2, 2007 bringing low temperatures that dropped to zero to 5 below. When combined with west winds of 10 to 15 mph...wind chill values dropped to around 20 below zero for a few hours centered on sunrise.				
(IA-Z043) MONONA, (IA-Z055) HARRISON, (IA-Z056) SHELBY, (IA-Z069) POTTAWATTAMIE				
	02/03/07 04:00 CST	0		Cold/Wind Chill
	02/03/07 10:00 CST	0		
Wind chill values fell to 20 below to 30 below zero for the second consecutive night over western Iowa. Low temperatures fell to 5 below to 15 below over the region as northwest winds around 10 mph persisted.				
(IA-Z043) MONONA, (IA-Z055) HARRISON, (IA-Z056) SHELBY				
	02/04/07 06:00 CST	0		Cold/Wind Chill
	02/04/07 09:00 CST	0		
For the 3rd consecutive night wind chill values plunged to 20 below zero or over sections of western Iowa. These cold wind chills were caused by arctic high pressure that remained entrenched over the region. Morning lows fell to around 10 below to 15 below and although they moderated a bit when northwest winds increased to around 10 mph...the wind chill fell to 20 below to 25 below zero for several hours around sunrise.				
(IA-Z043) MONONA, (IA-Z055) HARRISON, (IA-Z056) SHELBY, (IA-Z069) POTTAWATTAMIE, (IA-Z079) MILLS				
	02/14/07 00:00 CST	0		Cold/Wind Chill
	02/14/07 11:00 CST	0		
Arctic air spilled south across western Iowa after a snowstorm left 2 to 4 inches of snow over the area the previous day. Lows dropped to 5 below to 15 below over the area and when combined with north winds around 10 mph...wind chill values fell to 20 below to 30 below zero.				
(IA-Z043) MONONA, (IA-Z055) HARRISON				
	02/15/07 05:00 CST	0		Cold/Wind Chill
	02/15/07 09:00 CST	0		
For the second consecutive night wind chill values dropped to at least 20 below over parts of western Iowa. Northwest winds around 10 mph combined with temperatures that fell to 5 below to 10 below to produce these dangerously cold wind chills.				
(IA-Z043) MONONA, (IA-Z055) HARRISON, (IA-Z069) POTTAWATTAMIE				
	02/24/07 19:00 CST	0		Winter Storm
	02/25/07 12:00 CST	0		
Low pressure tracked across northeast Kansas and into northeast Iowa February 24th through February 25th. The storm dropped several inches of snow over most of eastern Nebraska and western Iowa, with 6 to 8 inches reported over parts of western Iowa from Council Bluffs northward. The snow began as rain and changed over to a rain/sleet mix before changing to all snow.				

NEBRASKA, East

(NE-Z015) THURSTON, (NE-Z018) WAYNE, (NE-Z034) BURT				
	02/02/07 06:00 CST	0		Cold/Wind Chill
	02/02/07 08:00 CST	0		
Arctic high pressure built south into western Kansas during the early morning hours on February 2, 2007. This brought low temperatures that dropped to zero to 5 below zero across the area. When combined with west winds of 10 to 15 mph, wind chill values dropped to between 20 below to 25 below zero for a few hours centered on sunrise.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z031) MADISON, (NE-Z032) STANTON, (NE-Z033) CUMING, (NE-Z034) BURT, (NE-Z044) DODGE, (NE-Z045) WASHINGTON, (NE-Z052) DOUGLAS				
	02/03/07 04:00 CST		0	Cold/Wind Chill
	02/03/07 10:00 CST		0	
For the second consecutive night wind chill values dropped to 20 below to 25 below zero over northeast Nebraska and sections of western Iowa.				
Low temperatures 3 below to 10 below over the region combined with northwest winds of 10 to 15 mph to produce these bitter cold readings.				
(NE-Z015) THURSTON				
	02/04/07 05:00 CST		0	Cold/Wind Chill
	02/04/07 08:00 CST		0	
Wind chill values dropped to 20 below zero or colder for the 3rd consecutive night over sections of northeast Nebraska. Morning temperatures a little below zero and a northwest wind around 10 mph brought these cold readings.				
(NE-Z078) SALINE, (NE-Z088) JEFFERSON, (NE-Z089) GAGE, (NE-Z090) JOHNSON, (NE-Z091) NEMAHA, (NE-Z092) PAWNEE, (NE-Z093) RICHARDSON				
	02/12/07 16:00 CST		0	Winter Storm
	02/13/07 17:00 CST		0	
An upper level disturbance tracked just south of Nebraska bringing widespread snowfall of 3 to 5 inches to eastern Nebraska. The heaviest snow fell across southeast Nebraska where 6 to 8 inches was common. The snow was accompanied by north winds that increased to 15 to 30 mph which lowered wind chill values down into the single digits. The snow was preceded by a period of freezing drizzle or light freezing rain.				
(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z016) ANTELOPE, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z030) BOONE, (NE-Z031) MADISON, (NE-Z032) STANTON, (NE-Z033) CUMING, (NE-Z034) BURT, (NE-Z042) PLATTE, (NE-Z043) COLFAX, (NE-Z044) DODGE, (NE-Z045) WASHINGTON, (NE-Z050) BUTLER, (NE-Z051) SAUNDERS, (NE-Z052) DOUGLAS, (NE-Z053) SARPY, (NE-Z065) SEWARD, (NE-Z066) LANCASTER, (NE-Z067) CASS, (NE-Z078) SALINE, (NE-Z088) JEFFERSON, (NE-Z089) GAGE				
	02/13/07 18:00 CST		0	Cold/Wind Chill
	02/14/07 11:00 CST		0	
Arctic air spread south across eastern Nebraska after a snowstorm left 3 to 7 inches of snow over the region late on the 12th into the 13th. Initially winds gusted over 30 mph causing areas of blowing and drifting snow which shut many rural schools. Actual low temperatures by the morning of the 14th fell to 5 below to 15 below zero. When combined with north winds of 10 to 15 mph...wind chill values of 20 below to 30 below zero were observed.				
(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z016) ANTELOPE, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z030) BOONE, (NE-Z033) CUMING, (NE-Z034) BURT, (NE-Z042) PLATTE, (NE-Z043) COLFAX				
	02/14/07 22:00 CST		0	Cold/Wind Chill
	02/15/07 10:00 CST		0	
For the second consecutive night wind chill values fell to at least 20 below zero over most of northeast Nebraska. Low temperatures fell to around 10 below zero and when combined with northwest winds around 10 mph...wind chill values of 20 below to 25 below zero were observed.				
BOONE COUNTY --- CEDAR RAPIDS [41.57, -98.15]				
	02/20/07 16:46 CST		0	Flood (due to Ice Jam)
	02/23/07 16:45 CST		0	Source: Law Enforcement
An ice jam along the Cedar River near Cedar Rapids flooded some farmland and few county roads near Cedar Rapids. The river came out of it's banks between 1/2 and 3/4 of a mile in the area.				
KNOX COUNTY --- 2.0 W VERDEL [42.82, -98.24], 4.0 SE NIOBRARA [42.71, -97.97]				
	02/21/07 09:40 CST		0	Flood (due to Ice Jam)
	02/25/07 12:00 CST		0	Source: Emergency Manager
Ice jam flooding was reported on Ponca Creek near Verdel, on Bazile Creek east southeast of Niobrara, Bow Creek near Wynot and Verdigre Creek north of Verdigre. The jams on Bazile and Ponca Creeks were each at least a mile long at one time, and caused flooding which closed several county roads and flooded farmland in the area. The jam east of Niobrara also closed Highway 12 from 2 am on 2/22 until 430 am 2/23.				
PLATTE COUNTY --- MONROE [41.48, -97.62], 1.0 W COLUMBUS [41.43, -97.39]				

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	02/21/07 13:30 CST		0	Flood (due to Ice Jam)
	02/24/07 03:00 CST		0	Source: Emergency Manager

An ice jam worked downstream from near Monroe to near the Highway 81 bridge near Columbus. The ice jam caused some minor lowland flooding around Monroe which flooded some county roads.

STANTON COUNTY --- 5.0 NW STANTON [42.00, -97.30]

02/22/07 03:00 CST	0	Flood (due to Ice Jam)
02/24/07 03:00 CST	0	Source: Emergency Manager

Ice jam flooding along the Elkhorn River closed county roads and surrounded 4 houses west of Stanton near the Madison county line.

BUTLER COUNTY --- 2.0 NW BELLWOOD [41.37, -97.28]

02/22/07 06:30 CST	0	Flood (due to Ice Jam)
02/22/07 12:30 CST	0	Source: Emergency Manager

An ice jam on the Platte River caused some flooding around some cabins near the Brandeburgh Lakes area and closed a few county roads northwest of Bellwood for a while this day. After the jam broke downstream, the water went down fairly quickly.

COLFAX COUNTY --- 1.5 S SCHUYLER [41.43, -97.07]

02/22/07 06:30 CST	0	Flood (due to Ice Jam)
02/22/07 12:30 CST	0	Source: Law Enforcement

An ice jam on the Platte River caused water to flow across Highway 15 south of Schuyler briefly closing it for a while. The flooding was also observed around a park south of town.

PLATTE COUNTY --- 1.0 SW PLATTE CENTER [41.52, -97.51], 4.0 NE COLUMBUS [41.47, -97.32]

02/22/07 08:30 CST	0	Flood (due to Ice Jam)
02/25/07 10:00 CST	0	Source: Emergency Manager

Ice jams along Shell Creek from near Platte Center to northeast of Columbus flooded some lowland farmlands and a few county roads in the area.

DODGE COUNTY --- NORTH BEND [41.47, -96.78], 1.0 S FREMONT [41.44, -96.50]

02/22/07 16:00 CST	0	Flood (due to Ice Jam)
02/28/07 08:00 CST	0	Source: Law Enforcement

Ice jams and rising water due to snow melt on the Platte River caused water to flood near and very large chunks of ice to be thrown up on the banks surrounding at least 30 homes and cabins from the McGinnis Lake area near North Bend to the Mangus and Legge's Lakes area near Fremont. Flood waters also surrounded the Big Island area and a few county roads were also flooded in the region.

SAUNDERS COUNTY --- 1.0 N MORSE BLUFF [41.44, -96.78], 2.0 SE ASHLAND [41.03, -96.35]

02/22/07 16:00 CST	0	Flood (due to Ice Jam)
02/28/07 08:00 CST	0	Source: Law Enforcement

Ice jams and rising water due to snow melt on the Platte River caused water to flood and very large chunks of ice to be thrown up on the banks along the Platte River from north of Morse Bluff to southeast of Ashland. Water topped a dike in two places Thursday night 2/22-2/23/07 flooding a group of 4 cabins near Wann which is just upstream of the Elkhorn and Platte River confluence. Another cabin in the area received extensive damage as a local levee was topped. The Cedar Lakes area near Cedar Bluffs also experienced significant flooding due to a 3/4 mile long ice jam near that area. In addition to the homes and cabins that were flooded or surrounded by water, some county roads were closed in the area.

CUMING COUNTY --- 2.0 SE WISNER [41.96, -96.90], 4.0 SE WEST PT [41.79, -96.67]

02/22/07 20:00 CST	0	Flood (due to Ice Jam)
02/28/07 22:00 CST	0	Source: Law Enforcement

Ice jams on the Elkhorn River caused extensive flooding of lowland farmlands from southeast of Wisner to southeast of West Point. At first the flooding was very unpredictable and unstable due to the forming and breaking up of the jams, but eventually two large jams became established in Cuming county about 3 miles apart near West Point. The flood waters from these ice jams covered at least 1000 acres of farmland and closed many county roads in the area. In addition...a 15 mile stretch of Highway 275 southeast of Wisner was closed at one time or another with a 5 mile section of the Highway closed for a large part of this period. A few homes were also surrounded by the flood waters, but flood damage to them was minimal.

DODGE COUNTY --- CROWELL [41.73, -96.72]

02/22/07 20:00 CST	0	Flood (due to Ice Jam)
02/28/07 22:00 CST	0	Source: Law Enforcement

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A large ice jam on the Elkhorn River caused extensive flooding of lowland farmland near the Crowell area that lasted for around a week in late February . The flooding also closed Highway 275 near Crowell along with several county roads in the area.

DOUGLAS COUNTY --- 2.0 W VALLEY [41.32, -96.39], 5.0 SW WATERLOO [41.23, -96.37]

02/22/07 22:00 CST	0	Flood (due to Ice Jam)
02/24/07 08:00 CST	0	Source: Law Enforcement

Ice jams and rising water due to snow melt on the Platte River caused water to flood and very large chunks of ice to be thrown up on the banks along the Platte River from west of Valley to southwest of Waterloo. The water flooded around some cabins and onto county roads near the river.

SARPY COUNTY --- 3.0 NW GRETN A [41.18, -96.29], 2.0 SE SPRINGFIELD [41.06, -96.10]

02/22/07 22:00 CST	0	Flood (due to Ice Jam)
02/24/07 08:00 CST	0	Source: Law Enforcement

Ice jams and rising water due to snow melt on the Platte River caused water to flood and very large chunks of ice to be thrown up on the banks along the Platte River from northwest of Gretna to southeast of Springfield. During the late evening of the 22nd 5 rescues were made and dozens of homes were evacuated in Sarpy county due to the rising flood waters. The worst flooding appeared to be near where the Elkhorn and Platte Rivers joined. Although large blocks of ice were pushed up on the banks and the water flooded roads and farmland, damage extended to homes or cabins was generally reserved to carpets and other low-lying objects.

CASS COUNTY --- 6.0 WNW PLATTS MOUTH [41.05, -96.01]

02/23/07 00:47 CST	0	Flood (due to Ice Jam)
02/23/07 06:00 CST	0	Source: Law Enforcement

An ice jam and rising water due to snow melt on the Platte River caused flooding near the Horseshoe Lake Sub division in northern Cass county.

A prolonged cold spell in late January and early February caused ice over a foot thick to form on slow moving streams and rivers in eastern Nebraska. When temperatures climbed into the 40s and 50s toward the end of February, snow melt and ice break-up caused significant ice jams on some creeks and rivers across the region. Those most affected included the Loup River west of Columbus, the Cedar River near Cedar Rapids, the Platte River from Schuyler to the Sarpy and Cass county border, the Elkhorn River from just southeast of Norfolk to near Crowell and Bazile, Ponca and Bow Creeks across Knox county.

(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z016) ANTELOPE, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z033) CUMING, (NE-Z034) BURT, (NE-Z044) DODGE, (NE-Z045) WASHINGTON, (NE-Z052) DOUGLAS

02/24/07 12:00 CST	0	Winter Storm
02/25/07 12:00 CST	0	

Low pressure tracked across northeast Kansas and into northeast Iowa February 24th through February 25th. The storm dropped at least several inches of snow over most of eastern Nebraska and western Iowa, with 6 to as much 12 inches over a large part of northeast and east central Nebraska and west central Iowa. The snow began as rain and changed over to a rain/sleet mix in the late afternoon and early evening before changing to all snow.